[redacted]

To: Mr. Jeff Kimble - USEPA
From: Bob Zwald
Date: June 2, 2004
Re: Summary of Meeting - Friday, May 28, 2004

Project No.: G01426I

Hi Jeff,

Thank you for meeting with us and the MDEQ at their office in Livonia on Friday, May 28, 2004, to discuss technical matters related to the investigation and remediation of landfill gas (LFG) at the Former Sanicem Landfill project. Your input and mediation was very valuable towards the progression of this project and the ultimate redevelopment of this Brownfield site by the owners of Dutton Corporate Centre (DCC). The following is a brief summary the meeting.

Attendees

MDEQ: Ben Mathews, Kevin Lund, Cheryl Wilson
USEPA: Jeff Kimble
FTC&H: Bob Zwald, Kevin O'Brien
RCCI: Scott Gort

LFG Extraction System Status

A complete design of the LFG control and capture system as described in previously submitted work plans is currently being developed and is expected to be finalized by the end of June 2004. Once completed, the design will be presented to USEPA and MDEQ prior to implementation/installation. Implementation of the system will begin once final grading has been completed with the installation of the vent wells within the boundaries of the landfill. Wells along the perimeter of the landfill will be given priority. Initially, only a few wells will be installed so that a pilot test can be performed to ensure that the system has been designed with appropriate spacing between extraction points. Modifications to the system design will be presented if deemed necessary from the results of the pilot testing.

As a temporary measure, FTC&H has proposed installing wind propelled turbines on selected existing vent wells. The turbines will be installed within the next two weeks. MDEQ stated that "first and foremost is the collection of lots and lots of data." It is understood that MDEQ may no longer accept monitoring data from these wells as valid if the turbines are installed.

Investigation

Monitoring by MDEQ and FTC&H has indicated elevated levels of methane in the MDEQ well R-6, located on the north side of Ellen Drive, approximately 100 feet south of a building. FTC&H will install additional gas monitoring wells to the north of R-6 to attempt to determine the extent of methane in this area. The wells will be installed within one week of obtaining property access to this area.

In addition, the perimeter investigation will continue in the southern areas of the site, once final grading is completed. The investigation will include the installation of permanent gas monitoring wells around the southern perimeter of the landfill.

Monitoring Results

Perimeter LFG monitoring will continue on a monthly basis, with higher frequency on selected

priority wells (those near occupied buildings). The MDEQ expressed concern that some of the methane monitoring results tested negative for both methane and carbon dioxide. This is an unusual phenomenon considering the typical composition of LFG and there could be numerous possible scenarios causing this result. We agreed to look closely at our procedures and to provide documentation of additional parameters we are measuring, in order to ensure that accuracy in our results and to change monitoring procedures, if deemed necessary based on published technical standards.

Other

USEPA and MDEQ will be working together as lead agencies on this project.

MDEQ stated that a Part 114 letter was sent to Daniel Fons, requesting that remedial actions be performed by Fons and implicating them as a "responsible party."

USEPA stated that no enforcement actions which would jeopardize the Brownfield redevelopment will be taken, as long as remedial actions are proceeding at a pace that they are comfortable with.

If you have any questions or comments regarding this memorandum, please contact me at 248-324-2117.

Bob Zwald

cc: Paul Bohn – FTB
Roger Rehkopf – RCCI
Scott Gort – RCCI
Ben Mathews – MDEQ
Kevin Lund – MDEQ
Cheryl Wilson – MDEQ
Tom Turner – USEPA
John Urbahns – DCC
Kevin O'Brien - FTC&H
Beth Gotthelf – Butzel-Long
Steve Jacob – Jacob Properties